

What if You Could Simplify Your Fuel Measurement and Calculation Process?

Introducing 820 Transmitter from Emerson

- Measurement confidence with fewer electrical components
- Measurement flexibility with the ability to handle dual fuel systems
- Greater precision and noise tolerance



Secure Energy Baseline

Without the ability to accurately measure fuel consumption you cannot measure the effectiveness of any fuel reduction efforts you make

Operate with Greater Precision

Gain better control of your fuel usage and take better operational decisions

Get System Insight

By integrating and networking with the fuel management suit and the integrated, control and monitoring system, fuel data can now be shared through multiple workstations on board of the vessel. Allowing for a more effective use of information.

Faster Yet Simplified Fuel Measurement

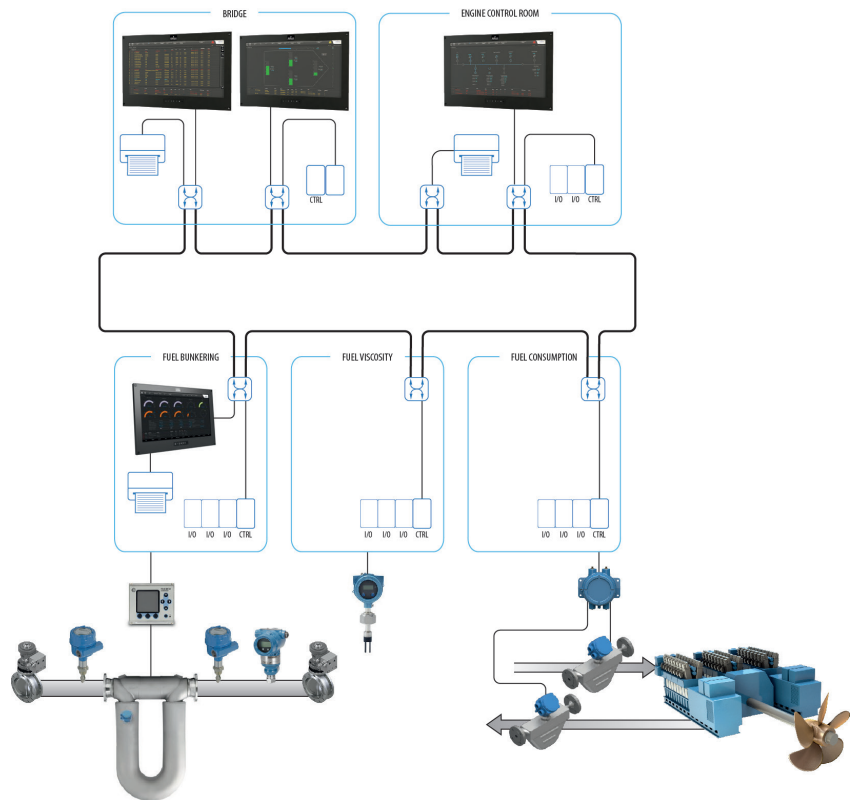
Emerson's 820 Transmitter with Adaptive Consumption Measurement software

To determine fuel usage two flow meters are needed across a consumer. The 820 Transmitter is the right fit for the fuel measurement application and has Emerson's Adaptive Consumption Measurement software added. This electronics package allows for two flow meters to be connected to a single source and therefore the 820 transmitter provides a 4-1 reduction in electronic components. This solution improves the signal processing speed between the two measurement points, ensuring a more accurate instantaneous consumption calculation. In addition the ACM software package will allow for an automated Net Volume consumption total to be calculated.

This removes the need for time consuming manual calculations to determine the total fuel usage in system. Emerson is taking the best of mass and density measurement to provide the best in class volumetric consumption totals as well.

Fuel Management System

This solution can be fully integrated into the Fuel management suit in the Integrated Control and Monitoring System from Emerson or third party automation system on board your vessel. Providing you with information to examine your fuel system beyond the amount of fuel burned. New features utilize the high speed data from the flow meters to provide diagnostics on fuel density and more insight into the fuel switching process. This allows you to operate with greater precision and to rely in your fuel consumption calculations.



CONTACT US

Please contact us for further information:

Emerson's
Marine Solutions

©2019 Emerson. All rights reserved.

The Emerson logo is a trademark and service mark of Emerson Co. Damcos trademark and logotype are trademarks of Damcos A/S. LevelDatic is a trademark of Rosemount TankRadar AB. Rosemount and Rosemount logotype are trademarks of Rosemount Inc. All rights reserved. The contents of this publication are presented for informational purposes only, and while efforts have been made to ensure their accuracy, they are not to be construed as warranties or guarantees, expressed or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available upon request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice. Emerson Process Management accepts no responsibility for any errors that may appear in this publication.

Version 04, January 2019, Marine Integrated Marketing